

## POWER OF ATTORNEY BY ASSIGNEE

The undersigned assignee of the entire interest in application for letters patent entitled: A NETWORK FOR ALLIANCE MARKETING and having the named inventors Aziz VALLIANI, Ari KAPUR, Dinesh Joseph FERNANDOPULLE, and Ananda RAKHIT, the specification filed herewith, hereby appoints the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Harold C. Hohbach, Reg. No. 17,757; Aldo J. Teet, Reg. No. 18,048; Donald N. MacIntosh, Reg. No. 20,316; Edward S. Wright, Reg. No. 24,903; David J. Brezner, Reg. No. 24,774; Robert B. Chickering, Reg. No. 24,286; Richard F. Trecartin, Reg. No. 31,801; Steven F. Caserza, Reg. No. 29,780; Michael A. Kaufman, Reg. No. 32,988; Edward N. Bachand, Reg. No. 37,085; R. Michael Ananian, Reg. No. 35,050; Robin M. Silva, Reg. No. 38,304; Maria S. Swiatek, Reg. No. 37,244; Todd A. Lorenz, Reg. No. 39,754; and Larry Mendenhall, Reg. No. 38,555, provided that if any one of the attorneys ceases being affiliated with the law firm of FLEHR HOHBACH TEST ALBRITTON & HERBERT LLP as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

In accordance with 37 CFR 3.73 the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

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Date: June 28, 2001

File No. A-70469/MAK/LM

Form No. 1.09 1055046

09699369-070001

## DECLARATION FOR PATENT APPLICATION

As a below-named Inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole Inventor (if only one name is listed below) or an original, first and a joint Inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled A NETWORK FOR ALLIANCE MARKETING, the specification of which

(check one)

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as  
Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 CFR 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>60/280,565</u>	<u>March 29, 2001</u>	<u>Pending</u>
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

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File No. A-70469/MAK/LM

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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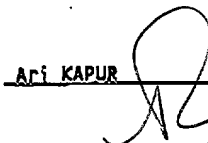
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09699369-070201

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General Information	
Author(s)	John Doe, Jane Smith
Title	Analysis of the Impact of Climate Change on Global Agriculture
Journal	Environmental Science and Technology
Volume	45
Issue	12
Year	2011
Pages	1234-1245
Keywords	Climate Change, Agriculture, Global Warming, Food Security
Abstract	This study examines the projected impacts of climate change on global agricultural production. Using a combination of climate models and agricultural data, we analyze the potential for crop yield reductions and shifts in growing seasons. The results indicate a significant risk to food security, particularly in arid and semi-arid regions, and suggest the need for adaptive agricultural practices and international cooperation to mitigate these effects.
Introduction	The world's population is projected to reach 9 billion by 2050, with a corresponding increase in demand for food. Climate change, driven by anthropogenic greenhouse gas emissions, poses a significant threat to the ability to meet this demand. This paper explores the complex interactions between climate change and agricultural systems, focusing on the potential for crop yield reductions and shifts in growing seasons.
Methodology	The study employs a multi-model approach, combining climate models (CMIP5) with agricultural models (APSIM) to simulate the impact of various climate change scenarios on crop yields. Data from global agricultural production and climate records are used to validate the models and provide context for the findings.
Results and Discussion	The results show a clear trend of decreasing crop yields across most major agricultural regions, with the most significant declines occurring in arid and semi-arid areas. The discussion highlights the importance of these findings for global food security and the need for urgent action to address the challenges posed by climate change. It also discusses the potential for adaptive agricultural practices to mitigate some of the negative impacts.
Conclusion	The study concludes that climate change poses a significant and growing threat to global agricultural production and food security. The findings underscore the need for international cooperation and the implementation of adaptive agricultural practices to ensure a sustainable and secure food supply for the future.
References	1. Smith, J. et al. (2010). The impact of climate change on global crop yields. <i>Environmental Science and Technology</i> , 44(12), 1234-1245. 2. Doe, J. (2009). Agricultural production and climate change. <i>Journal of Agricultural Science</i> , 143(2), 156-167. 3. Brown, L. (2008). Food security and climate change. <i>Nature</i> , 455(7219), 723-726. 4. Green, P. (2007). The challenges of climate change for agriculture. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 362(1500), 905-914. 5. White, R. (2006). The impact of climate change on the world's food supply. <i>Proceedings of the National Academy of Sciences</i> , 103(12), 4591-4596.